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62, 23 FUNK Bros Seed Co. 5/1953

# 5-STAR FUNK'S G-HYBRIDS

Bloomington

Ill.

## Balanced Performance

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May 1953

U.S. Department of Agriculture

### through RESEARCH



# 5-Star Funk's G-Hybrids...

When you buy a new car, you always choose the latest model. Leaders in the industry put out good cars last year. They put out good ones ten years ago, too. But buyers demand the latest models because they know that research puts more efficiency, better features, better looks, more horsepower into good automobiles . . . every year.

**HYBRID CORN IS LIKE AUTOMOBILES. GOOD HYBRIDS ARE MADE BETTER EVERY YEAR THROUGH RESEARCH.**

## HIGHER OIL CONTENT Boosts Feeding Values



Certain Funk's G-Hybrids now produce 3.6 or more pounds of oil per bushel; ordinary corn averages about 2.5 lbs. Oil has about  $2\frac{1}{4}$  times the feed value of starch. Larger germs contain more of the protein that cuts supplement need, lowers feed costs; meat produced is good quality.



## IMPORTANT NEWS FOR YOU

These lines include some which shed no pollen and others which "restore" the pollen-shedding character. But of most importance to you — these techniques produce Funk's G-Hybrids that *make better field stands . . . more uniform ears . . . and increased yields*. Funk plant breeders lead in this work. On the opposite page is pictured one of the first seed production fields using the new "cytoplasmic" lines.

## NEW THICKER PLANTING to Use Fertility Best

Some G-Hybrids have been developed especially to make very high yields if planted thick where fertility and moisture conditions are good. These hybrids give the top payoff yields to farmers who follow sound soil management and conservation practices.

# BETTER..BETTER..BETTER every year

## WHAT'S NEW AND BETTER IN FUNK'S G?

On these two pages are shown some of the latest results of Funk's G-Hybrid research leadership—results that you can TURN INTO PROFIT on your farm this season. Of course, all the good, basic bred-in qualities you want and need are still inside every kernel of Funk's G-Hybrid seed corn.

## IN THIS CORN GUIDE

## FOR THE CORN BELT

are described the best G-Hybrids ever developed for your farming conditions. They are *proved outstanding* to meet your needs—for silage, market or feed. And they are backed up by more than 30 years of nation-wide research.

## FUNK BROS. SEED CO., Bloomington, Ill.

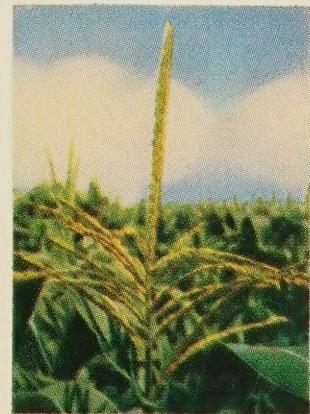
**Producers of Funk's G-Hybrid Seed Corn**

**ASK YOUR DEALER ABOUT THE NEW, SPECIAL-JOB G-HYBRIDS.**

## YOU..."CYTOPLASMIC LINES"

In this seed production field, the brightest yellow rows are pollinators (pollen-bearing tassel in lower inset photo). Next to them are non-pollen-shedding seed parents (tassel

in top inset picture). Two detasseled seed parent rows appear in the middle; these are "normal" plants, to insure pollination when you plant this new kind of seed.



# OUR EARLIEST HYBRIDS...

Bred to Finish in a Short Season . . .



## FUNK'S G-188

Wisconsin farmers call this a 90-day corn. Early enough to make good corn at Travis City, Michigan. Starts fast in the spring, grows and matures even when nights are cool. Kernels are slightly white-capped; shell out yellow. G-188 does a fine job on muck soils. A great all-round hybrid in its maturity class.

## FUNK'S G-35A

One inbred different from G-35, this new line developed by Funk Research makes a taller, excellent quality stalk; a longer girthy ear with good shank attachment, and usually yields 3 to 5 bushels more per acre. It's a few days later, but a fast dryer. If you want an early corn that yields, get acquainted with G-35A.

## FUNK'S G-11

One of the new early-maturing hybrids that should be tried by every farmer using this maturity. Its ability to dent and mature with green stalks, leaves and husks make G-11 seem later than it is. Produces a long slim ear carried a bit higher on the stalk than in comparable hybrids. Similar in maturity to G-35A.

## FUNK'S G-18

We call this an "in-between" hybrid; makes a fine companion corn for maturities that are slightly earlier or later. G-18 produces ripe ears on green stalks. Does well under a wide range of soil and climatic conditions. Fine stalk quality, heavy yielder of top-quality corn. A day or two earlier than our Funk's G-6.

# Dependable for Mature Ears, Sound Corn and for Later Planting Farther South

## FUNK'S G-6

Top choice for big yields in the 100-105 day maturity region of Wisconsin, across Michigan from the "thumb" to Oceana County on the west, and in northeastern Indiana, extreme northwestern Ohio and northeastern Ohio. Won hundreds of new friends last year. Stands up and holds its ears in spite of tough weather and insects. Our Funk's G-6 is an excellent picker corn.

## FUNK'S G-1A

Even after 10 years, this grand hybrid is still a favorite with many farmers. Those large ears and good yields on short stiff stalks nearly always amaze the farmer the first time he grows it. Makes a fine companion hybrid for G-6. G-1A does a fine job in the cool clay soils of northeastern Ohio and northeastern Indiana. A fine feeding corn.

## FUNK'S G-68

Here's another fast-drying white-capped hybrid that yields especially well on high-fertility land. Similar in some ways to G-6 but just a bit later. Fine for muck soils of northern Indiana and especially desirable in northeast Ohio. Well-suited for the important corn-growing areas of Wisconsin and Michigan.

## VISIT OUR TEST PLOTS



The best way to judge corn for your neighborhood is to see it growing. Ask your dealer to show you a strip test — see the best in adapted and proven 5-Star Funk's G-Hybrids.



## **FUNK'S G-30**

One of our famous white-capped hybrids that shell out yellow; grows and matures when nights are cool, and dries out in a hurry. It's five to seven days later than G-6 and five to seven days earlier than G-29. Matures big ears of deep-kerneled corn on good stalks, and has a fine reputation for holding its ears. Handles well in the picker.

## **FUNK'S G-28**

Distinctively different and good. Just a bit earlier than G-29. Produces unusually deep kernels on a small cob. Its golden ears are long, medium-dent. G-28 is noted as a fast starter even in backward weather. Holds its ears well for machine picking.

# **Dependable Medium Early**

## **Bred to come through with big yields of**

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## **FUNK'S G-29**

We're proud to offer you this rugged, dependable hybrid again this year. Its deep-kerneled, medium-dent ears are popular everywhere it is used. G-29 comes through with good corn from southern Wisconsin and southern Michigan on down into the Central Corn Belt. Also a great favorite for late planting in the South Central area. Does well on a wide range of soils. One of our best.

## **FUNK'S G-16A**

A fine medium season corn for the North Central Corn Belt, full season in southwestern Wisconsin and northern Illinois; popular as far south as Bloomington, Ill., Indianapolis, Ind., and Columbus, Ohio. G-16A starts fast, grows rapidly. High-yielding, sturdy stalked. Produces long sound, deep-kerneled ears. Really shells out, too.

## FUNK'S G-12

An old standby in the areas where G-30 is doing so well, G-12 is also widely adapted in the Central, South Central and Southern Corn Belt for extremely late planting. Can make good corn planted as late as July 1 in the Wabash Valley of southwestern Indiana and similar areas.

## FUNK'S G-114

Another grand old performer and fine companion hybrid for G-29. Comes through tough going. Holds its ears and makes top yields. Excellent stalk quality, too. A fine example of "ripe ears on green stalks" as developed by Funk Research.

# G-Hybrids sound grain

## FUNK'S G-77A

Gaining popularity every year because of its excellent stalk . . . superior quality of grain . . . fast growth . . . high shelling percentage of deep kernels . . . and ability to hold its ears on short, tough shanks. A fine picker corn. Harvest time really makes you appreciate G-77A. It usually yields more than you think it will. Widely adapted to soil types. Dries out quickly after maturity.

## FUNK'S G-65A

The improved version of G-65, which was well received last year. An excellent performer, outstanding for fast start in the spring and good standability. Better than average resistance to corn borer. Deep kernels, good length ears — many with reddish cast. G-65A is just a day or two later in maturity than our Funk's G-16A.





# MORE BUSHELS... BETTER CORN

Made Possible by Funk's Corn Breeding Program

## HOW MUCH DOES IT TAKE TO PULL UP A CORN PLANT?

Well developed roots on rugged stalks add up to STANDABILITY. Funk corn breeders, knowing the importance of roots, use a unique root pulling machine to select superior "breeding stock." Generally, if the roots of an inbred plant can be pulled up with less than 400 pounds on the "pulldometer" it is tossed out. Funk's G-Hybrid research is based on such practical methods and facts. Our corn breeders continually improve our inbreds by selecting for superior qualities in hybrids.

*Standability is only one of the famous 5-Star Qualities that get constant attention in the job of making and keeping Funk's G-Hybrids*

## CONSISTENTLY GOOD...YEAR AFTER YEAR

Funk's G-Hybrid corn breeders have pulled thousands of plants with this machine in their search for inbreds with superior root systems. The pulldometer shows the number of pounds needed to pull roots out of the ground.

Pressure is applied by a hand crank. At the moment before the roots pull loose, the reading on the scales is recorded. While conditions vary, roots that can be pulled with less than 400 pounds are usually discarded.

In Funk's G-Hybrid research and proving plots at hundreds of locations throughout the United States and Canada, trained corn breeders and practical farmers each year check up on the performance and yields of Funk's G-Hybrids and experimental hybrids. Under a broad range of conditions: Climate, soil types and fertility, insect and disease attack, drouth, cold spring, wind and storm — Balanced 5-Star Performance, superior yielding ability and wide adaptation are PROVED . . . again and again. Funk's G-Hybrids are bred to come through—where other hybrids may fail.

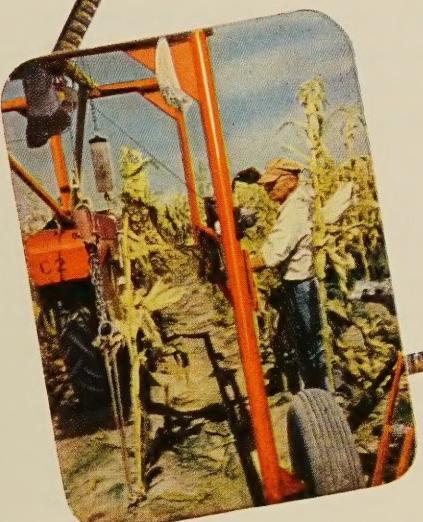
Be sure you see the new Funk's G-Hybrid moving picture, *Research Acres*, which tells the fascinating story of the never-ending work to give you always-better corn.

## Balanced 5-STAR PERFORMANCE

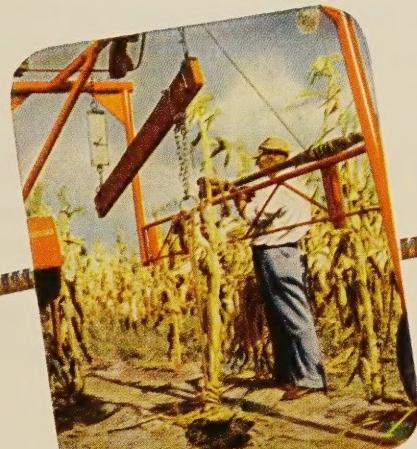
Every one of these famous bred-in Funk's G-Hybrid 5-Star Qualities is ready to help you get top yields of quality corn—in good seasons or poor.

- ★ FAST STARTING
- ★ INSECT RESISTANCE
- ★ DISEASE RESISTANCE
- ★ DROUTH RESISTANCE
- ★ STANDABILITY

*Consistently Good  
YEAR AFTER YEAR*



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## FUNK'S G-50

Here's a fine hybrid that does unusually well on land that has been farmed too hard. Medium maturity in the Central Corn Belt, G-50 gives fine performance as an early hybrid on south to the Ohio River. An excellent choice for silage farther north. Starts fast in the spring, comes on rapidly to make high quality corn on fine standing stalks.

## FUNK'S G-37

This fine yielding, good stalked G-Hybrid is a top favorite of many farmers clear across the Central Corn Belt from central Ohio to the Missouri River. The feeder type of corn; deep kernels make it a feeders' choice. Starts fast and has standability equal to the best. Has consistently demonstrated its resistance to disease, insects and drouth. Funk's G-37 really shells out a high percentage of quality corn.

# *Favorites of Good Farmers in*

## FUNK'S G-169

Thousands of Central Corn Belt farmers depend on G-169 every year for high yields and balanced 5-Star performance. Has good resistance to blight and drouth. Does unusually well on lighter soils if not planted thickly. Makes long, well-filled ears.

## FUNK'S G-211

Bred and developed for best results on farms of the Central Corn Belt which have been farmed hard and are only fair in fertility. Better than average borer resistance. A grand old hybrid with many friends.

## FUNK'S G-93

Here's a 5-Star performer that has made a lot of friends in the G-37 and G-169 maturity range. Superior standability is an outstanding feature of this fine G-Hybrid. The shorter, thicker ears of Funk's G-93 are ideal for machine picking. Makes fine quality corn, too. Give G-93 a trial this season. We believe you'll like it.



## in the Central Corn Belt . . .

### FUNK'S G-94

Full season in central Illinois and Indiana and central to southern Ohio; medium maturity in southern Illinois and Indiana. Stalk quality is excellent. Handles beautifully in mechanical pickers. Produces high quality corn for market or feed. Good in yield, grain quality — and comes through! Funk's G-94 has proven to be Consistently Good, Year After Year.

### FUNK'S G-95

Throughout the Central and South Central Corn Belt last year this fine new G-Hybrid has proved to be a real 5-Star champion. It's a fine picker corn and holds its ears. Has big girthy ears on short shanks. A fast starter, G-95 grows off in a hurry and has excellent resistance to drouth, insects and disease. A top yielder of good, sound, fine quality corn. Similar in maturity to our G-94. Demand is heavy; order early.

### FUNK'S G-95A

Very similar to G-95 except G-95A has more blight resistance and a slightly lower ear. You'll like the stalk quality and fast growth of Funk's G-95A. Available in very limited quantities. Ask your Funk's G dealer about G-95A. It's on its way to popularity.



## Here's a Wide Choice of Hybrids

**FUNK'S G-99** A long-eared, high-yielding corn with good girth. On high-fertility land those extra long ears turn in truly remarkable yields. Strong sturdy stalks, good resistance to leaf blight. Throughout its adapted area folks are talking about the fine yield and performance records of G-99. Try it this year.

**FUNK'S G-91** This great hybrid attracted a lot of attention everywhere it was grown last year. G-91 has superior resistance to leaf blight, stands unusually well, and starts fast in the spring. Makes an excellent silage corn; stalks are unusually sweet because of a new high-sugar inbred. Funk's G-91 is new, different and good. To make sure of your seed, order early. Supplies are limited.

**FUNK'S G-79** Farmers in central Illinois who want a hybrid slightly later than G-94 should plant part of their acreage to G-79. Stiff-stalked and high-yielding G-79 combines the fine qualities that good corn farmers want in a full-season hybrid for the Champaign, Tuscola, Taylorville area in Illinois. Order your seed now.

## Careful Production and Processing Protect Seed Quality

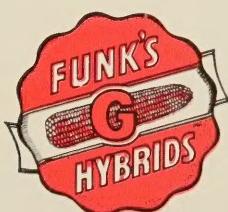
The production of Funk's G-Hybrid seed corn is carefully planned and rigidly supervised. Seed fields are well fertilized, thoroughly prepared, well cultivated and properly isolated. Detasseling is done on a strict time schedule by trained crews under close supervision and inspection. Mature ears are harvested, field-sorted and taken to modern processing plants. Careful, thorough processing of G-Hybrid seed protects the important bred-in 5-Star qualities

developed by America's top-flight corn breeding staff. The result is high germinating seed for good field stands . . . uniform grading, with all kernels the same size and shape for accurate trouble-free planting . . . quality seed that makes you feel that you're getting your money's worth and then some. Efficient corn drying and processing plants help the producers of Funk's G-Hybrid do the best possible job of delivering high quality seed to our customers.

## for the South Central Corn Belt

**FUNK'S G-80** For strong stalks and outstanding resistance to chinch bugs and drouth, Funk's G-80 ranks with the best. Long a top-favorite among farmers who like its big beautiful ears and fine performance and yield qualities. G-80 is truly a champion hybrid in the South Central Corn Belt.

**FUNK'S G-87** A fine high-yielding full-season hybrid for southwestern Indiana and southeastern Illinois. G-87 produces large ears of high-quality, stands well and is a rapid grower. Farmers in its adapted area wanting maximum yields shouldn't overlook Funk's G-87.



*Consistently Good*  
**YEAR AFTER YEAR**

# Choose the **RIGHT** G-Hybrid for Best Results on **YOUR** Farm

For silage, cash grain or early feed pick the exact Funk's G-Hybrid developed to do the *best* job on your farm under your particular growing conditions. To meet all needs we produce a number of hybrids in every maturity range. With good farming practices, every adapted G-Hybrid can yield at least 100 bushels to the acre. Your Producer Specializes in PROVED Adapted 5-Star Funk's G-Hybrids for **YOUR** Neighborhood.

Wherever corn is important in the United States and Canada, organizations of experienced seedsmen produce, process and distribute the Funk's G-Hybrids that are proven best for each particular locality. The many operations and services that maintain high quality in G-Hybrid seed are performed under rigid supervision with strict standards.

## These Organizations Produce and Distribute **OUTSTANDING FUNK'S G-HYBRIDS THROUGHOUT AMERICA**

**FUNK BROS. SEED CO.**  
Bloomington, Ill.

**AGRICULTURAL LABORATORIES, Inc.**  
Columbus, Ohio

**ARTHUR AKIN & SONS**  
St. Francisville, Ill.

**FRANK S. GARWOOD & SONS**  
Stonington, Ill.

**GOLDEN SEED CO.**  
Cordova, Ill.

**McKEIGHAN SEED COMPANY**  
Yates City, Ill.

**SHISSLER SEED CO.**  
Elmwood, Ill.

**SMITH SEED CO.**  
Tolono, Newman, Ill.

**SOMMER BROS. SEED CO.**  
Pekin, Ill.

**SWANSON FARMS**  
Galesburg, Ill.

**CLAUDE W. THORP & SONS CO.**  
Clinton, Ill.

**WISCONSIN SEED CO.**  
Spring Green, Wis.

**COLUMBIANA SEED CO.**  
Eldred, Ill.

**FUNK BROS. SEED CO.**  
Belle Plaine, Iowa

**JAMES GRANT & SON CO. Ltd.**  
Cottam, Ont., Canada

**A. H. HOFFMAN, Inc.**  
Landisville, Pa.

**LOUISIANA SEED CO.**  
Alexandria, La.

**PEPPARD SEED CO.**  
Kansas City, Mo.

**PETERSON-BIDDICK CO.**  
Wadena, Minn.

**J. C. ROBINSON SEED CO.**  
Waterloo, Neb.

# Every Year...More Farmers Plant More Funk's G-Hybrid Seed Corn than Ever Before

EACH YEAR has seen a big increase in the total number of our customers. Good farmers know a good product—and stick to it. What's more, they tell their neighbors and friends. Depend on us to keep right on working hard at our job of making Funk's G-Hybrids better, better, better—every year.

## To Farmers Who Look Ahead

Besides established G-Hybrids, we also produce a limited amount of seed for new experimental hybrids. Ask your dealer about the advance guard of the latest and best products of our research department.

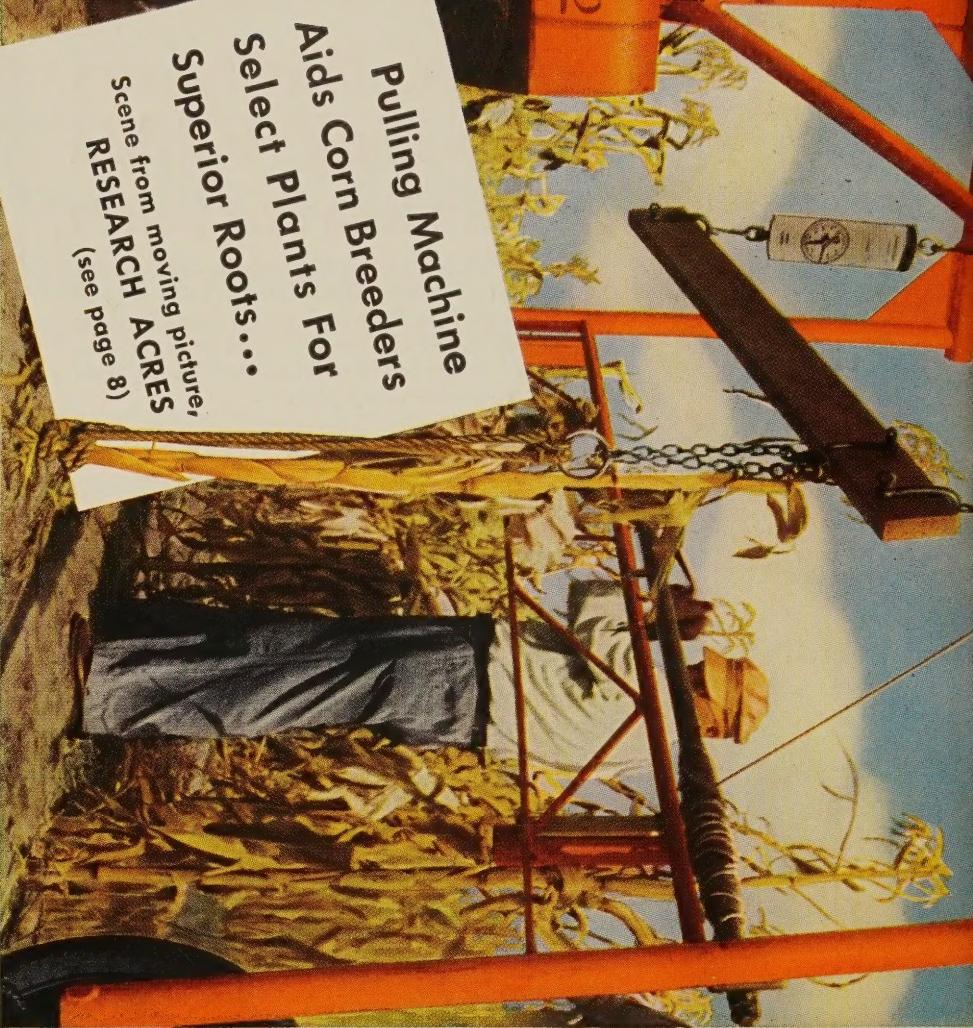
### Depend on Your Dealer

He follows the trial plots carefully in your neighborhood, and talks to many farmers. He knows your farming conditions and your needs. He can give you good, sound facts to help you choose the right hybrids. And to make sure of your seed supply,

**PLACE  
YOUR  
ORDER  
EARLY**



PRESENTED BY YOUR FUNK'S G-HYBRID DEALER



Pulling Machine  
Aids Corn Breeders  
Select Plants For  
Superior Roots...

Scene from moving picture,  
RESEARCH ACRES  
(see page 8)

FUNK BROS. SEED CO.

Bloomington, Ill.

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Bloomington, Ill.  
Permit No. 4

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